

4

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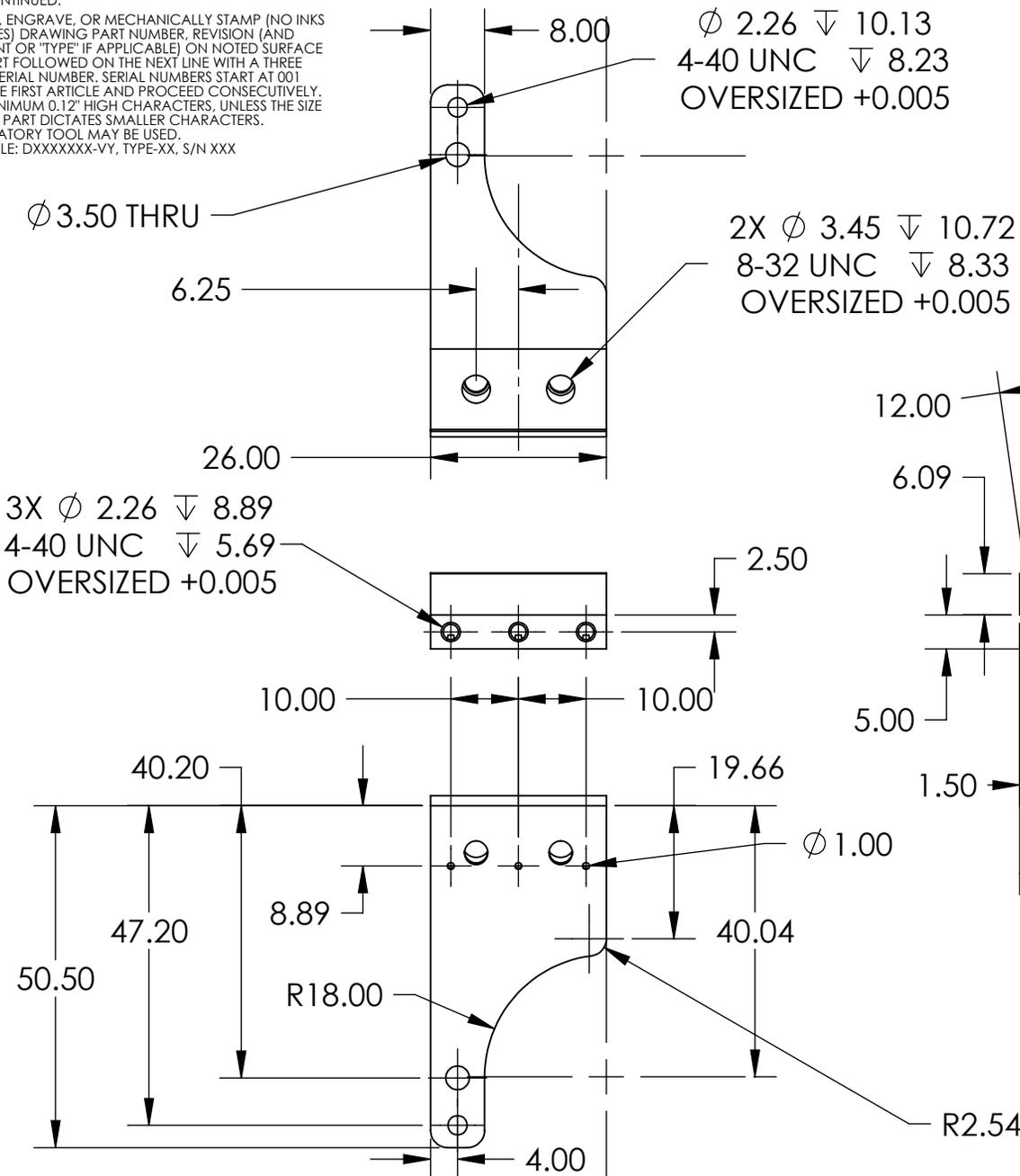
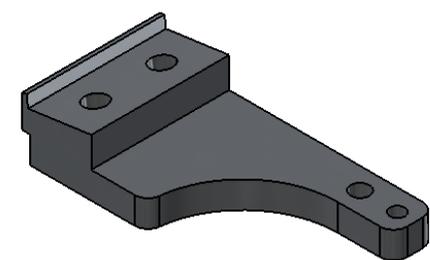
2

1

NOTES CONTINUED:

⑤ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED.  
EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



Ø 3.50 THRU

6.25

8.00

Ø 2.26  $\nabla$  10.13  
4-40 UNC  $\nabla$  8.23  
OVERSIZED +0.005

2X Ø 3.45  $\nabla$  10.72  
8-32 UNC  $\nabla$  8.33  
OVERSIZED +0.005

3X Ø 2.26  $\nabla$  8.89  
4-40 UNC  $\nabla$  5.69  
OVERSIZED +0.005

26.00

2.50

10.00

10.00

40.20

19.66

47.20

8.89

40.04

R18.00

Ø 1.00

50.50

R2.54

4.00

12.00

6.09

2.20

8.0°

5.70

5.00

13.00

5.00

1.50

52.00

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:  
.XX ± .10  
.XXX ± .010

ANGULAR ± 0.2°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, R.02 MIN.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

MATERIAL

6061-T6 (SS)

FINISH

32 µinch



CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM

ADVANCED LIGO

SUB-SYSTEM

ISC

NEXT ASSY

Tip-Tilt Structure

PART NAME

Tip-Tilt Pitch Adjuster - 8 deg

DESIGNER BJJ Slagmolen 27 Oct 2009

DRAFTER B. Slagmolen 19 Aug 2010

CHECKER

APPROVAL

SIZE DWG. NO.

A

D1002226

REV.

v1

SCALE: 1:1

PROJECTION:



SHEET 1 OF 1

4

3

2

1